

1/8

- Thread creation & management 14
- Restartable Synchronization 22
- Define Interrupt Handlers 20

Kernel Priority Level (KPL) 18 Packet Processing 12

- Save interrupted thread state 26
- Communicate synchronization state 28

Shared Arena 24

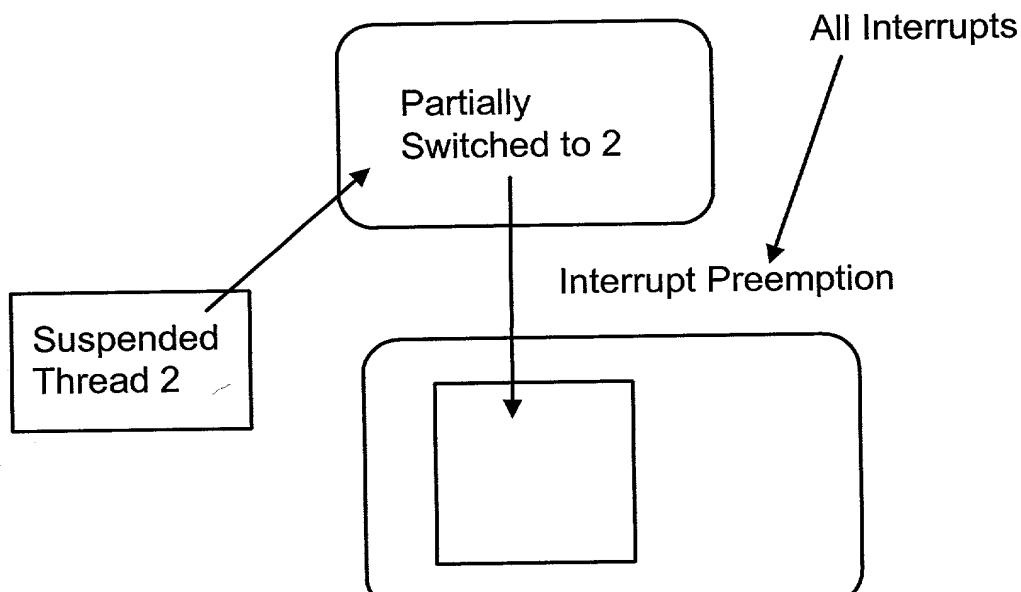
Interrupt Priority Level (IPL) 16 Handlers 20

Multiprocessing Hardware 30

FIG. 1

2/8

Preemption Safe Interrupt Handling 32



Shared Arena 24

FIG. 2

3/8

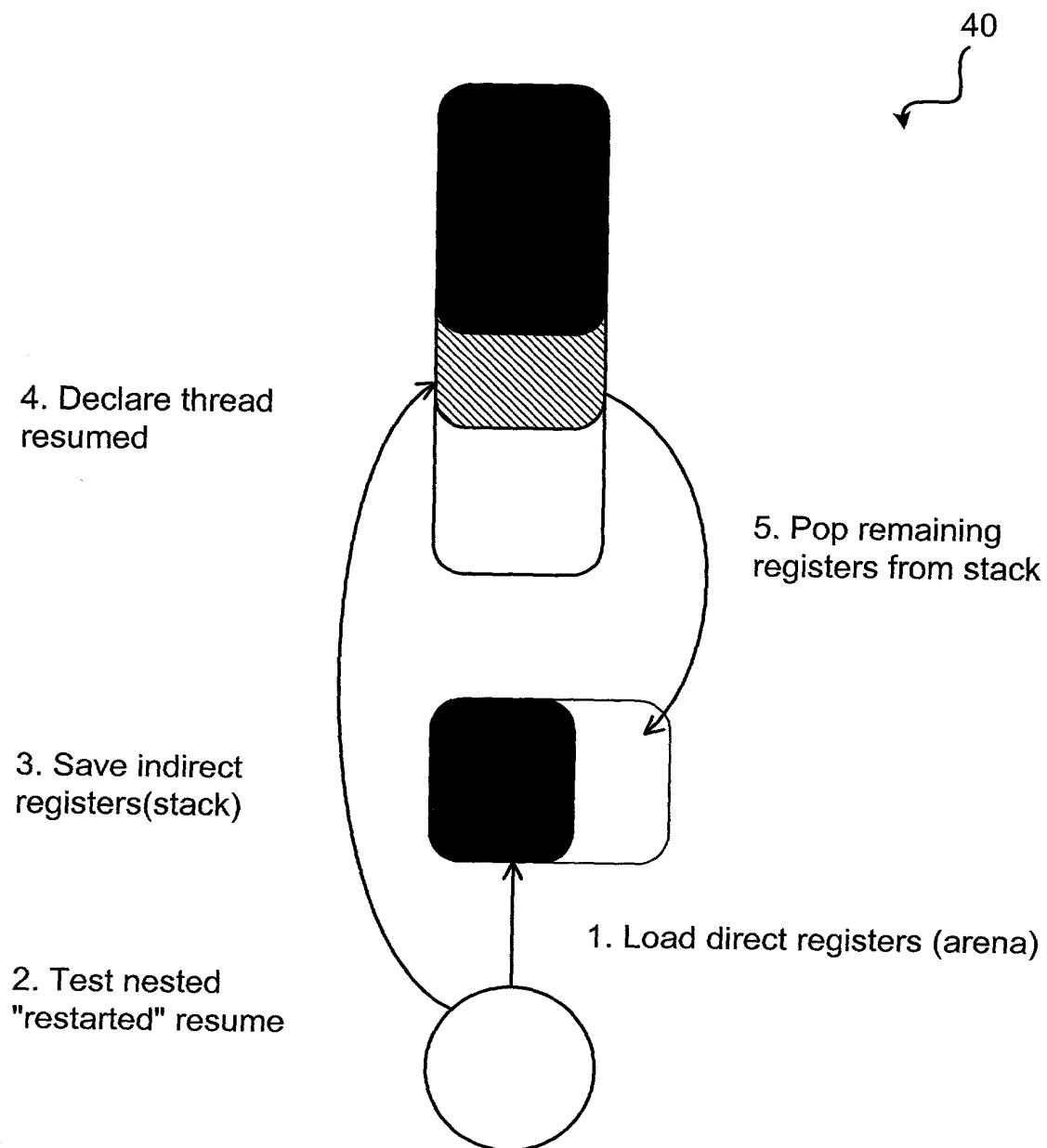


FIG. 3

4/8

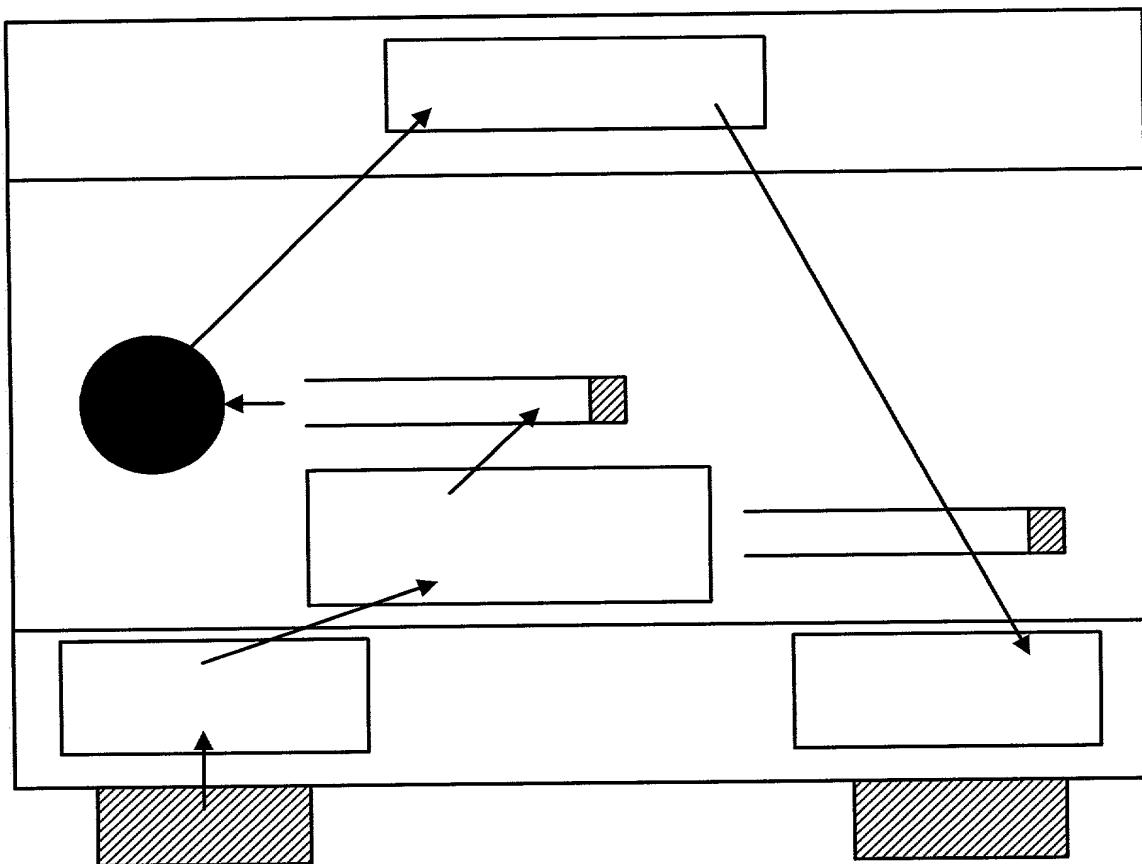


FIG. 4

5/8

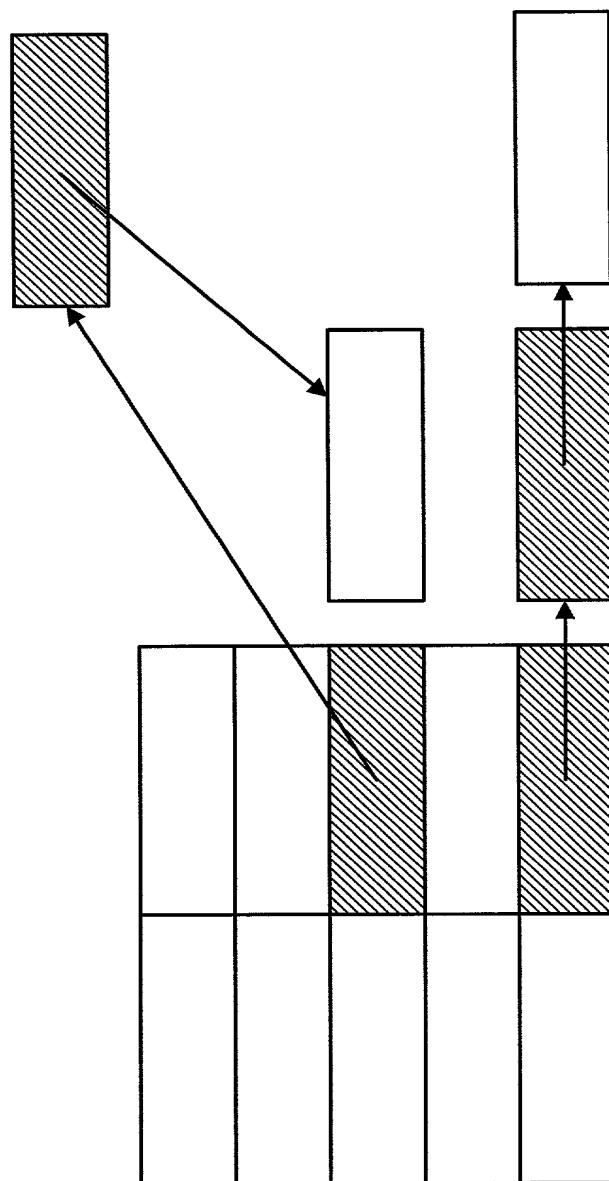


FIG. 5



6/8

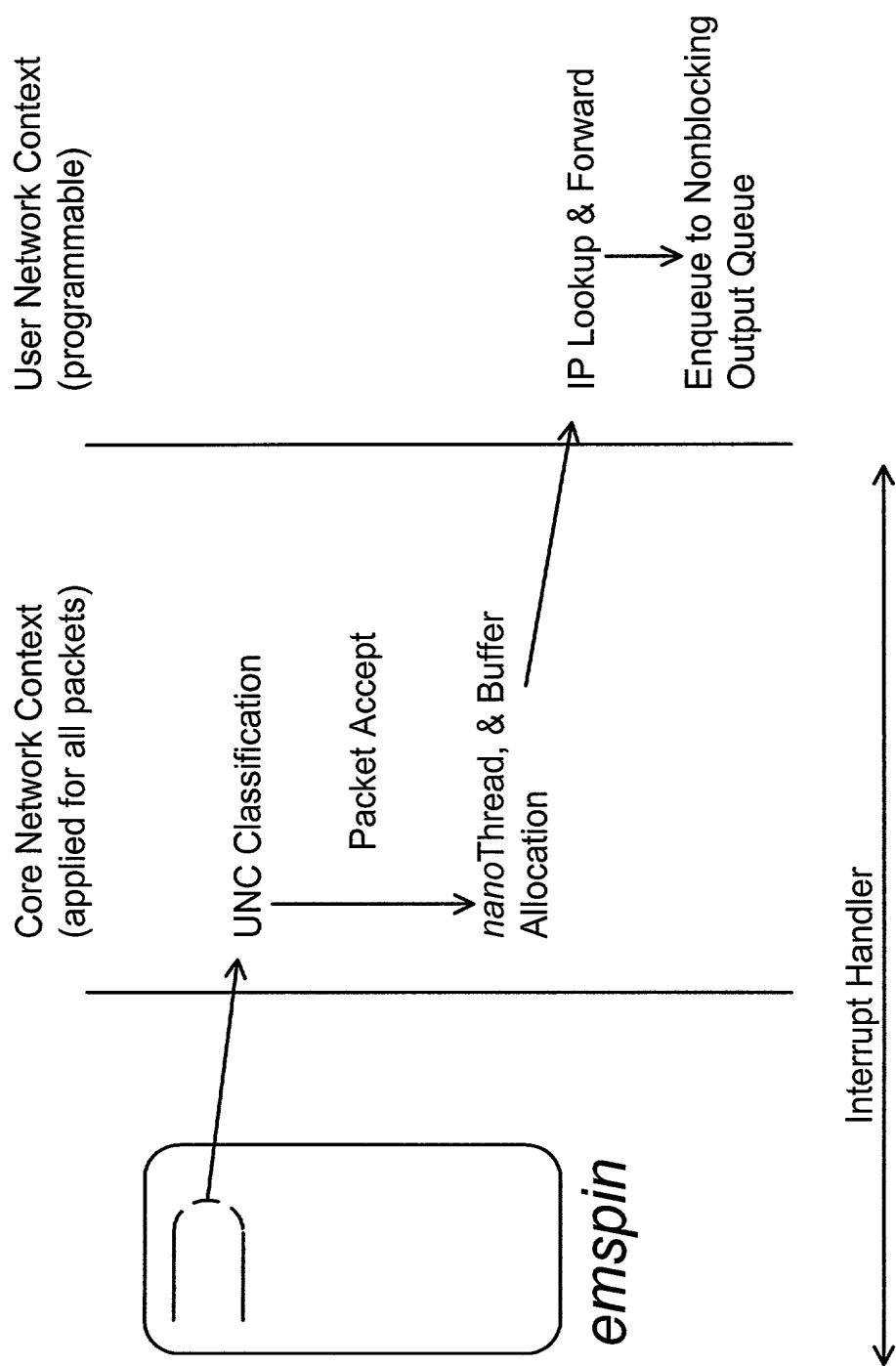


FIG. 6

7/8

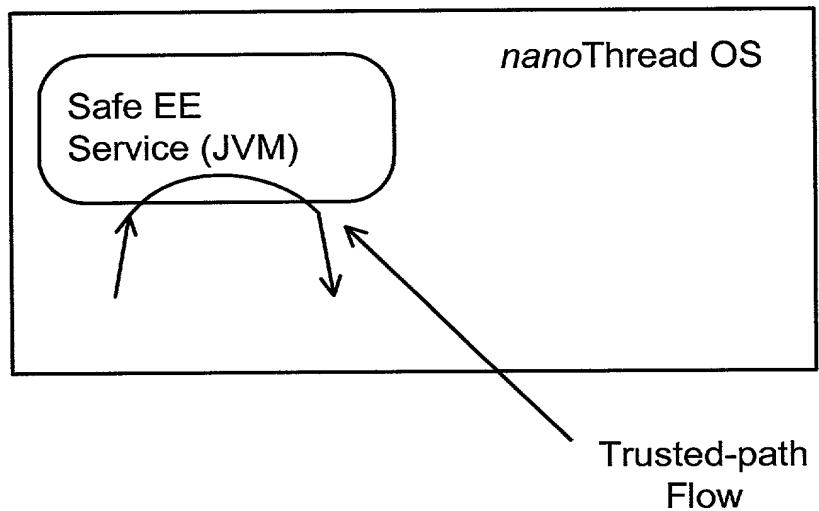
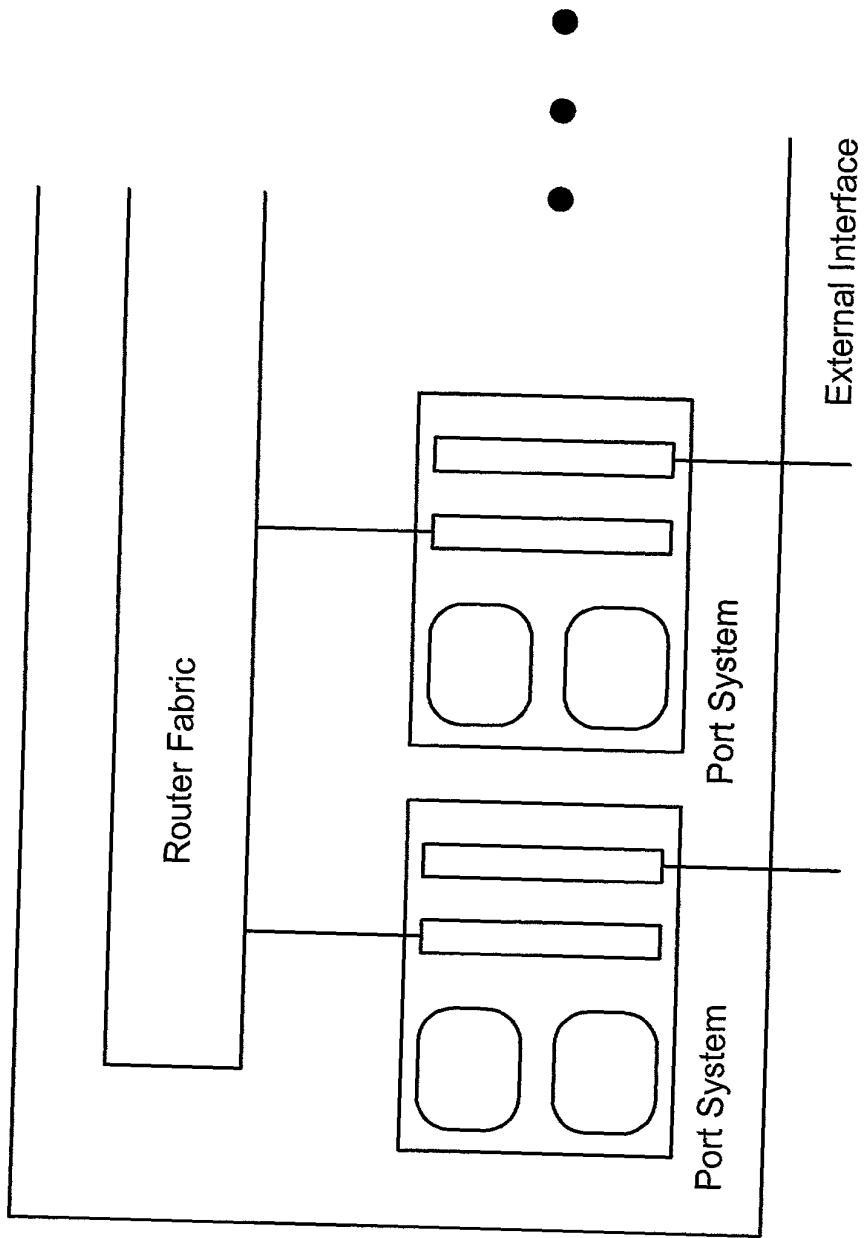


FIG. 7



8
FIG.